

Figure 1

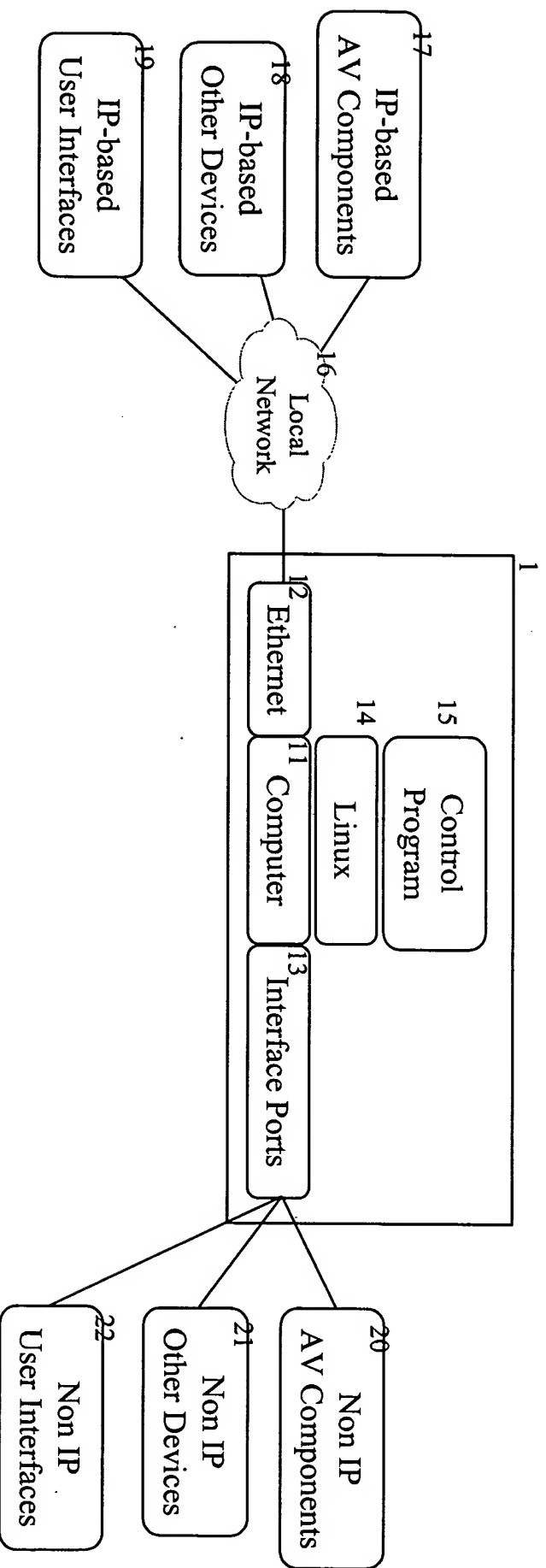


Figure 2

Select the type of component you would like to create:

AV Surround receiver	CD	Cable set top box	DVD
Game Console	MP3	Microphone	PVR
Satellite	Speaker	Splitter	Switch
TV	Tuner	VCR	Video Processor

Manufacturer:

Denon

Model:

AVR5803

Copy attributes from:

Browse

Manufacturer's suggested list price: \$1,200

Dimensions (inches):

Height

7.0

Width

17.25

Depth

14.0

Power dissipation (watts):

Active

50

Standby

5

Make & Model

< Back

Next >

OK

Cancel

Figure 3

New A/V Component Wizard: A/V Input Connector Groups

File Help

Number of A/V input connector groups 24

Name	Input 1	Input 2	Input 3	Input 4	Input 5	Input 6	Input 7	Input 8	Input 9	Input 10	Input 11	Input 12
	CD	DBS/SAT	DVD	Phono	TV	Tape 1	Tape 2	Tuner	V Aux	VCR 1	VCR 2	VCR 3
Coax digital	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Optical digital	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Analog audio	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Speaker level	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DVI	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
HD VGA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
VGA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Component	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
S-Video	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Composite	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1394	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
USB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
RF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
antenna	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ethernet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

A/V Input Connector Groups

< Back

Next >

OK

Cancel

Figure 4

New A/V Component Wizard: Assignable Input Ports

File Help

Number of assignable input ports: 11

Name	CD	DBS/SAT	DVD	Phono	TV	Tape 1	Tape 2	Tuner	V Aux	VCR 1	VCR 2	VCI
Coax 1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Coax 2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Coax 3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Coax 4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Coax 5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Optical 1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Optical 2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Optical 3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Optical 4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Optical 5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Optical 6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Assignable Input Ports

< Back

Next >

OK

Cancel

Figure 5

New A/V Component Wizard: A/V Output Connector Groups

File Help

Number of A/V output connector groups 9

Name	Output 1 Speaker	Output 2 MZone 1	Output 3 MZone 2	Output 4 MCR 1	Output 5 MCR 2	Output 6 MCR 3	Output 7 Mon 1	Output 8 Mon 2	Output 9 Surround
Coax digital	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Optical digital	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Analog audio	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Speaker level	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DVI	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
HD VGA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
VGA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Component	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
S-Video	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Composite ...	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1394	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
USB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
RF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
antenna	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ethernet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
is Multizone	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

A/V Output Connector Groups

< Back

Next >

OK

Cancel

Figure 6

New A/V Component Wizard: Volume Control

File Help

☒ This component controls audio volume

Minimum Volume Setting

80

Maximum Volume Setting

10

Volume Step

10.5

Volume is in units of

12B

Volume Control

Back

Next >

OK

Cancel

Figure 7

New A/V Component Wizard: Controlled By

File Help

Specify all the ways this component can be controlled.
Specify the most complete control mechanisms first.

IR External

RS-232 DB-25 Female

none

Controlled By

< Back

Next >

OK

Cancel

Figure 8

There are 3 ways to assign IR commands. You can use any combination of these ways.

1. Import the IR commands from an existing component or file.
2. Cut and paste the hexadecimal encoding of the IR command.
3. Capture the commands from the remote control.

Some A/V components have multiple sets of IR codes so that multiple components of the same type can be controlled by the same remote controller. If this component has multiple code sets you will want to make multiple passes through the IR learning section of this wizard and you may want to go back a few steps and add a switch to correspond with the code set selection.

Do not convert files whereby such conversion would violate any laws, license agreements or intellectual property rights of others.

This component has

set of IR codes

IR Options



< Back

Next >

OK

Cancel



Figure 9

New AV Component Wizard: IR Import

File Help

Import IR codes from another component and/or from an existing file of codes: Import...

Destiny Commands	Associated IR Commands	Un Associated IR Commands
power		Analog
power on	Power On	Band
power off	Power Off	Ch Select
mute	Mute	DSP Simu
mute on		Dimmer
mute off		Direct
volume up	Volume Up	Ext In
volume down	Volume Down	Input Mode
bass up		M-Zone 1 On/Off
bass down		M-Zone1-CD
treble up		M-Zone1-DBS/SAT
treble down		M-Zone1-DVD
tone up		M-Zone1-Phono
tone down		M-Zone1-TV
select input toggle		M-Zone1-Tape-1
select nothing		M-Zone1-Tape-2
select CD input	CD	M-Zone1-Tuner
select DBS/SAT input	DBS/SAT	M-Zone1-V Aux
select DVD input	DVD	M-Zone1-VCRI
select Phono input	Phono	

Configuring Multi-command sequences

IR Import

< Back

Next >

OK

Cancel

Figure 10

IR Command	Repeat#	Post Delay	IR Code (hexadecimal)
Power On	4	1000	0000 006c 0000 0020 0009 001e 0009 0047 0009 001e 0009 001e 0009 001e 0009 001e ...
Power Off	4	1000	0000 006c 0000 0020 0009 001e 0009 0047 0009 001e 0009 001e 0009 001e 0009 001e ...
Mute	4	1000	0000 006c 0000 0020 0009 001e 0009 0047 0009 001e 0009 001e 0009 001e 0009 001e ...
Volume Up	4	1000	0000 006c 0000 0020 0009 001e 0009 0047 0009 001e 0009 001e 0009 001e 0009 001e ...
Volume Down	4	1000	0000 006c 0000 0020 0009 001e 0009 0047 0009 001e 0009 001e 0009 001e 0009 001e ...
CD	4	1000	0000 006c 0000 0020 0009 001e 0009 0047 0009 001e 0009 001e 0009 001e 0009 001e ...
DBS/SAT	4	1000	0000 006c 0000 0020 0009 001e 0009 0047 0009 001e 0009 001e 0009 001e 0009 001e ...
DVD	4	1000	0000 006c 0000 0020 0009 001e 0009 0047 0009 001e 0009 001e 0009 001e 0009 001e ...
Phono	4	1000	0000 006c 0000 0020 0009 001e 0009 0047 0009 001e 0009 001e 0009 001e 0009 001e ...
TV	4	1000	0000 006c 0000 0020 0009 001e 0009 0047 0009 001e 0009 001e 0009 001e 0009 001e ...
Tape 1	4	1000	0000 006c 0000 0020 0009 001e 0009 0047 0009 001e 0009 001e 0009 001e 0009 001e ...
Tape 2	4	1000	0000 006c 0000 0020 0009 001e 0009 0047 0009 001e 0009 001e 0009 001e 0009 001e ...
Tuner	4	1000	0000 006c 0000 0020 0009 001e 0009 0047 0009 001e 0009 001e 0009 001e 0009 001e ...
V Aux	4	1000	0000 006c 0000 0020 0009 001e 0009 0047 0009 001e 0009 001e 0009 001e 0009 001e ...
VCR-1	4	1000	0000 006c 0000 0020 0009 001e 0009 0046 0009 001e 0009 001e 0009 001e 0009 001e ...
VDP	4	1000	0000 006c 0000 0020 0009 001e 0009 0047 0009 001e 0009 001e 0009 001e 0009 001e ...
Channel Down	4	1000	0000 006c 0000 0020 0009 001e 0009 001e 0009 0047 0009 001e 0009 0047 0009 001e ...
Channel Up	4	1000	0000 006c 0000 0020 0009 001e 0009 001e 0009 0047 0009 001e 0009 0047 0009 001e ...
Tuning Up	4	1000	0000 006c 0000 0020 0009 001e 0009 001e 0009 0047 0009 001e 0009 0047 0009 001e ...
Tuning Down	4	1000	0000 006c 0000 0020 0009 001e 0009 001e 0009 0047 0009 001e 0009 0047 0009 001e ...
5Ch/7Ch Stereo	4	1000	0000 006c 0000 0020 0009 001e 0009 001e 0009 0047 0009 001e 0009 0047 0009 001e ...
Stereo	4	1000	0000 006c 0000 0020 0009 001e 0009 001e 0009 0047 0009 001e 0009 0047 0009 001e ...
DTS	4	1000	0000 006c 0000 0020 0009 001e 0009 001e 0009 0047 0009 001e 0009 0047 0009 001e ...

Figure 11



Test the IR commands

power on
power off
power on, power off
power off, power on
power on
power off
mute
volume up
volume down
select CD input
select DBS/SAT input
select DVD input
select Phono input
select TV input
select Tape 1 input
select Tape 2 input
select Tuner input
select V Aux input
select VCR 1 input
select VDP input
channel down

Controller

IR output port
Power sense port
Power sense mode
Power sense status

Test Setup

Id5k_E015

Refresh

IR Output Port 6

Power sense Port 6

Video

off

Power sense power on delay

Power sense power off delay

Test

Passed

Failed

Reset

Passed & Send Next Command

Ir Testing

Back

Next >

OK

Cancel

Figure 12

New A/V Component Wizard: RS232 Connection

File

Help

Baud Rate

9600

Data Bits

8

Parity

none

Stop Bits

1

Flow Control

Delay Between bytes

ms

☐ This device groups commands

Grouped Commands Separator

RS232 Connection

< Back

Next >

OK

Cancel

Figure 13



- Write command
- power on
 - power off
 - mute on
 - mute off
 - volume up
 - volume down
 - select CD input
 - select DBS/SAT input
 - select DVD input
 - select Phono input
 - select TV input
 - select Tape 1 input
 - select Tape 2 input
 - select Tuner input
 - select V Aux input
 - select VCR 1 input
 - select VCR 2 input
 - select VCR 3 input
 - select VDP input
 - MZone 1 power on
 - MZone 1 power off
 - MZone 1 volume up
 - MZone 1 volume down

RS232 Commands



< Back

Next >

OK

Cancel

Figure 14

New A/V Component Wizard: Assign RS232 Commands

File Help



Import RS232 Commands from another component: Import...

Destiny Commands	Associated RS232 Commands	Un Associated RS232 Commands
power		RS232 Commands
power on	power on	Write command
power off	power off	Command sent to read data
mute		Command sent to update setting
mute on	mute on	
mute off	mute off	
volume up	volume up	
volume down	volume down	
bass up		
bass down		
treble up		
treble down		
tone up		
tone down		
select input toggle		
select nothing		
select CD input	select CD input	
select DBS/SAT input	select DBS/SAT input	
select DVD input	select DVD input	

☐ Configuring Multi-command sequences

A V

Assign RS232 Commands

< Back

Next >

OK

Cancel

Figure 15

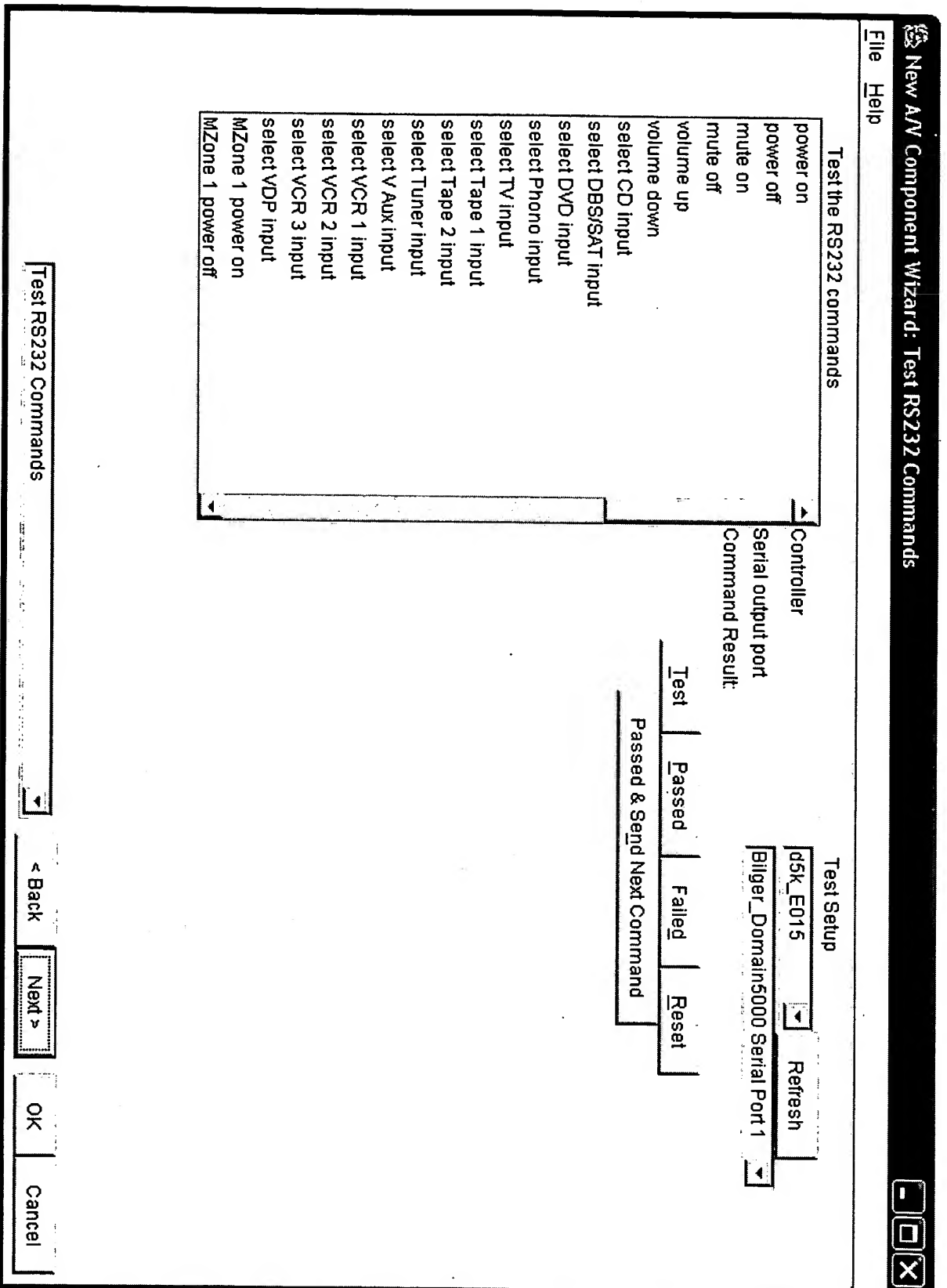


Figure 16

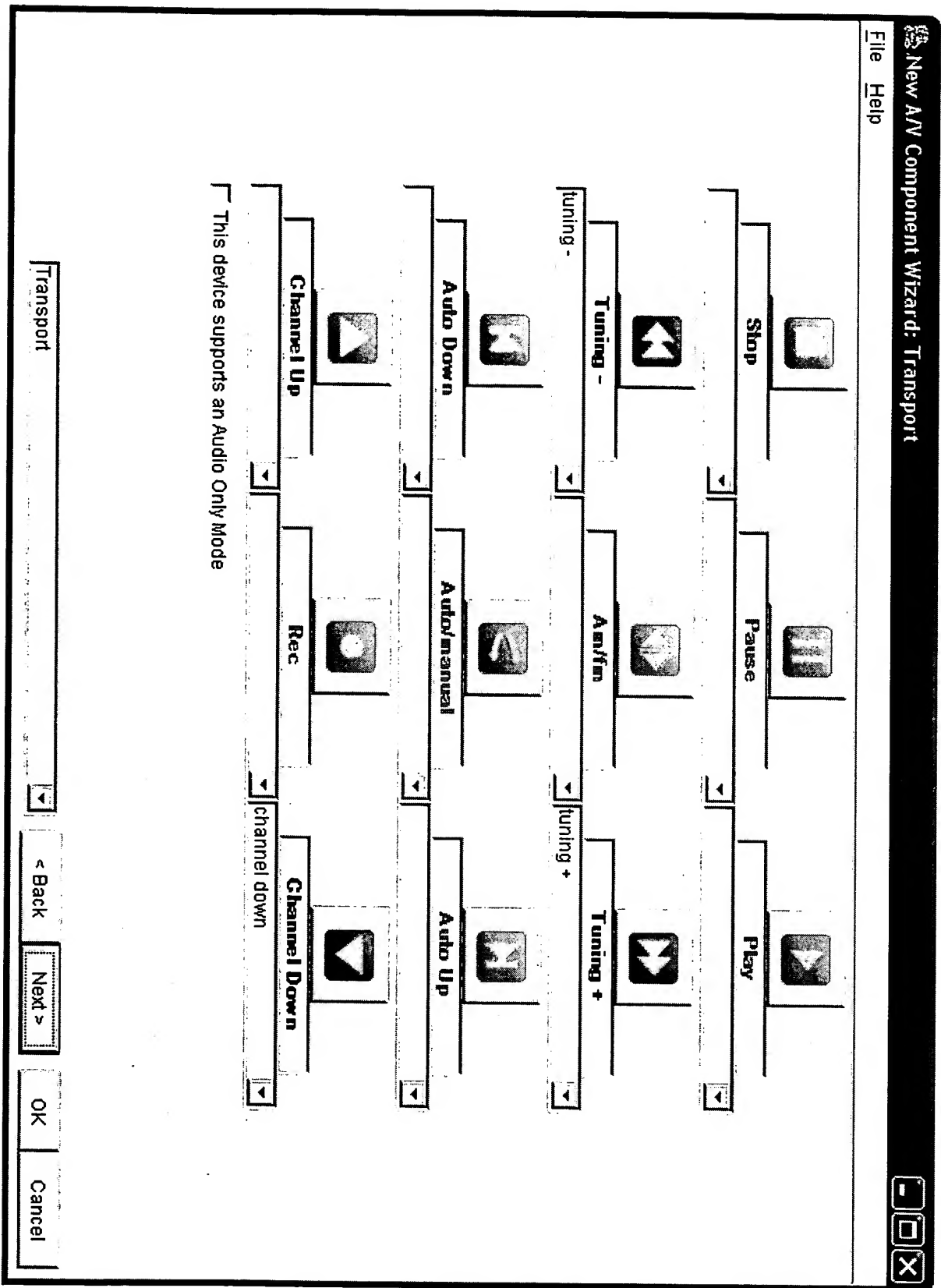


Figure 17

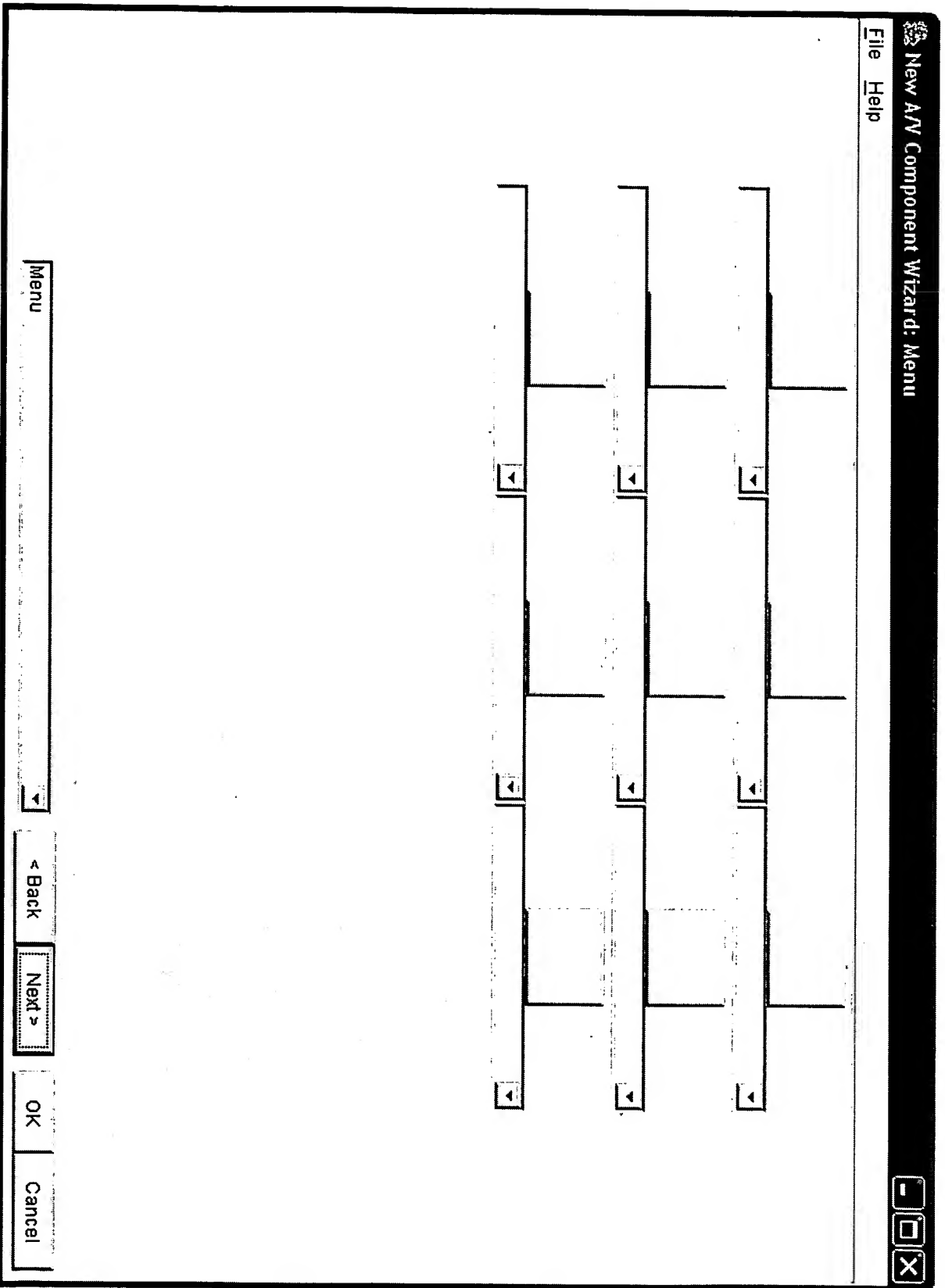


Figure 18

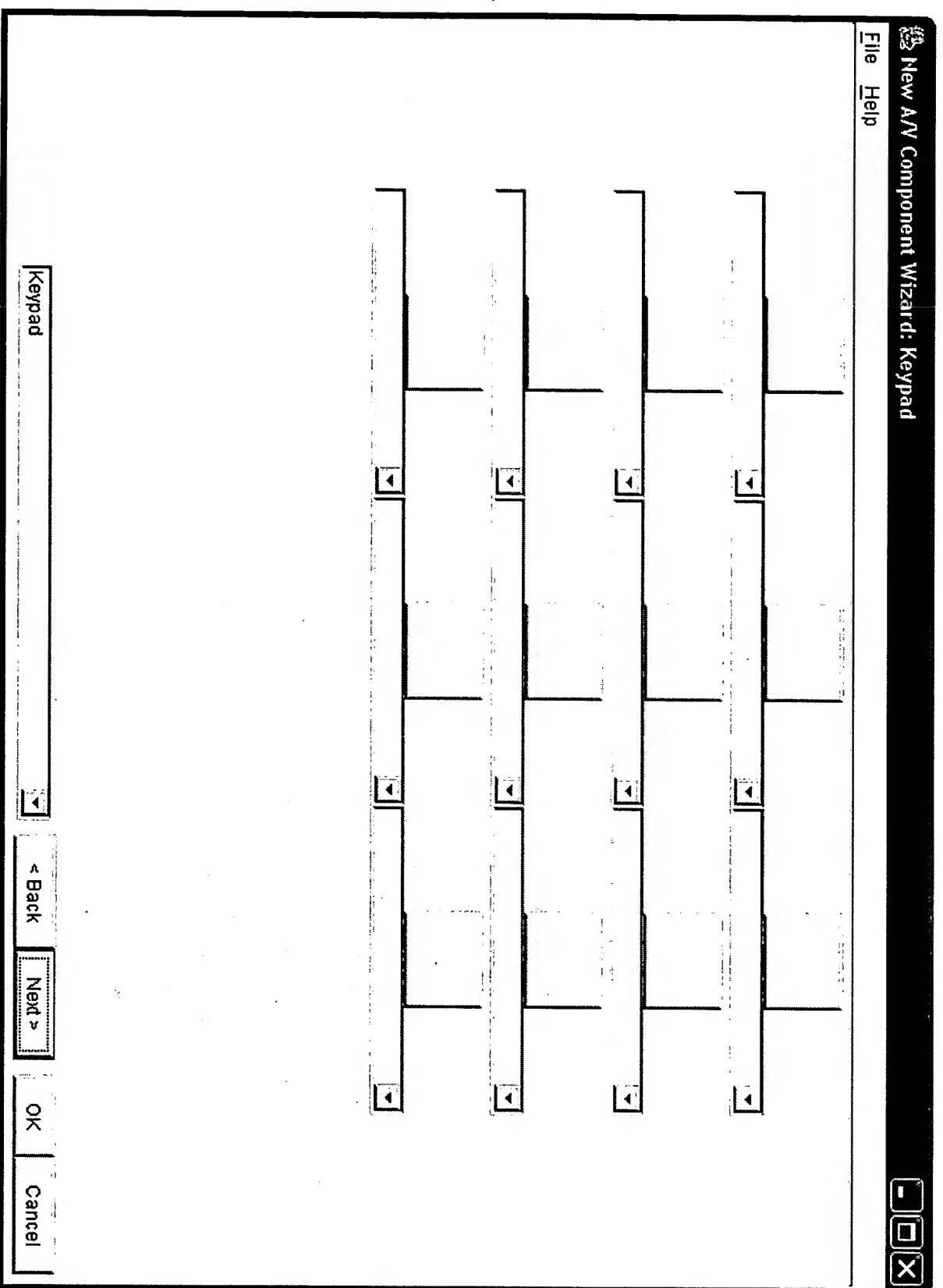


Figure 19

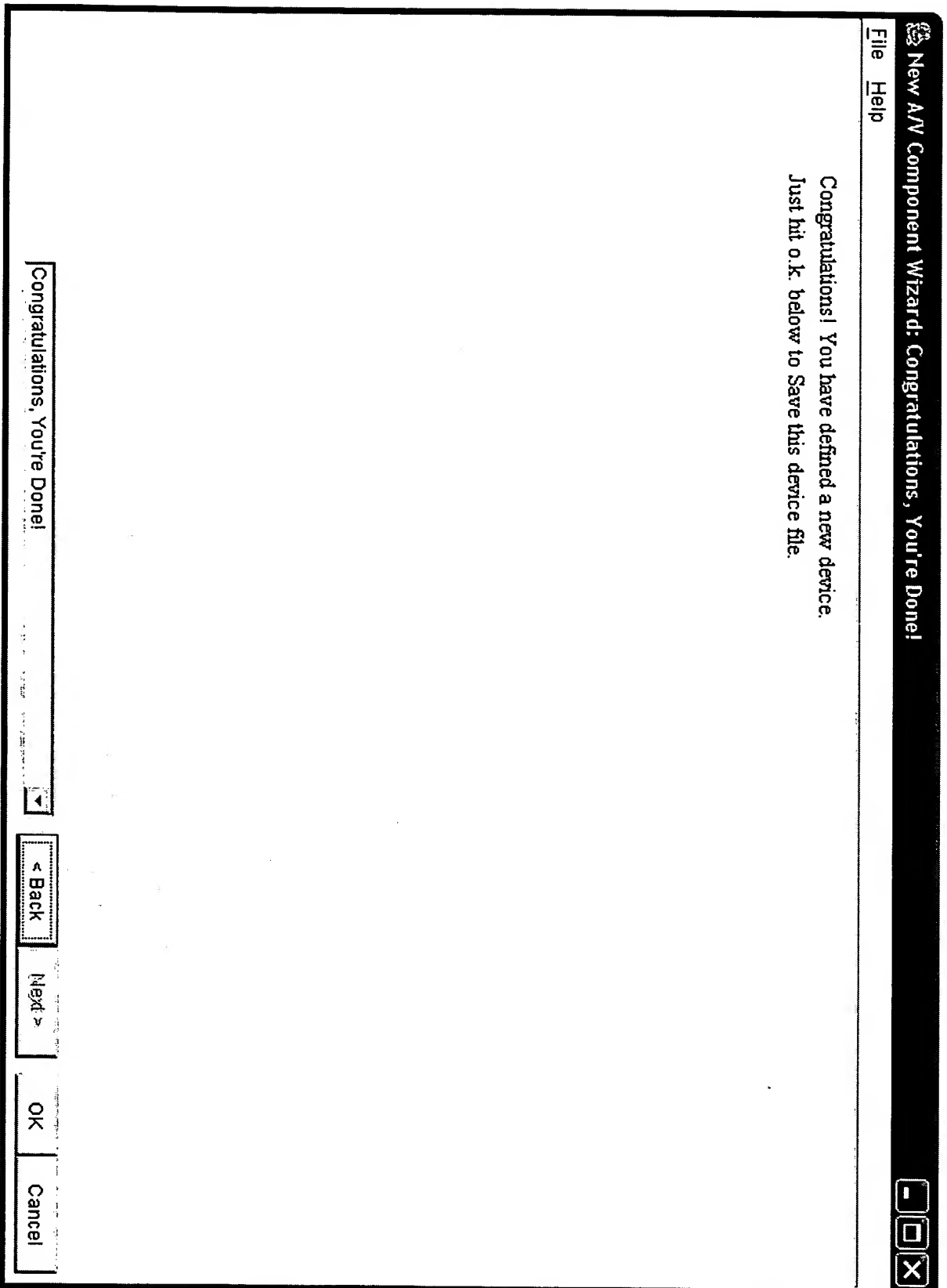


Figure 20

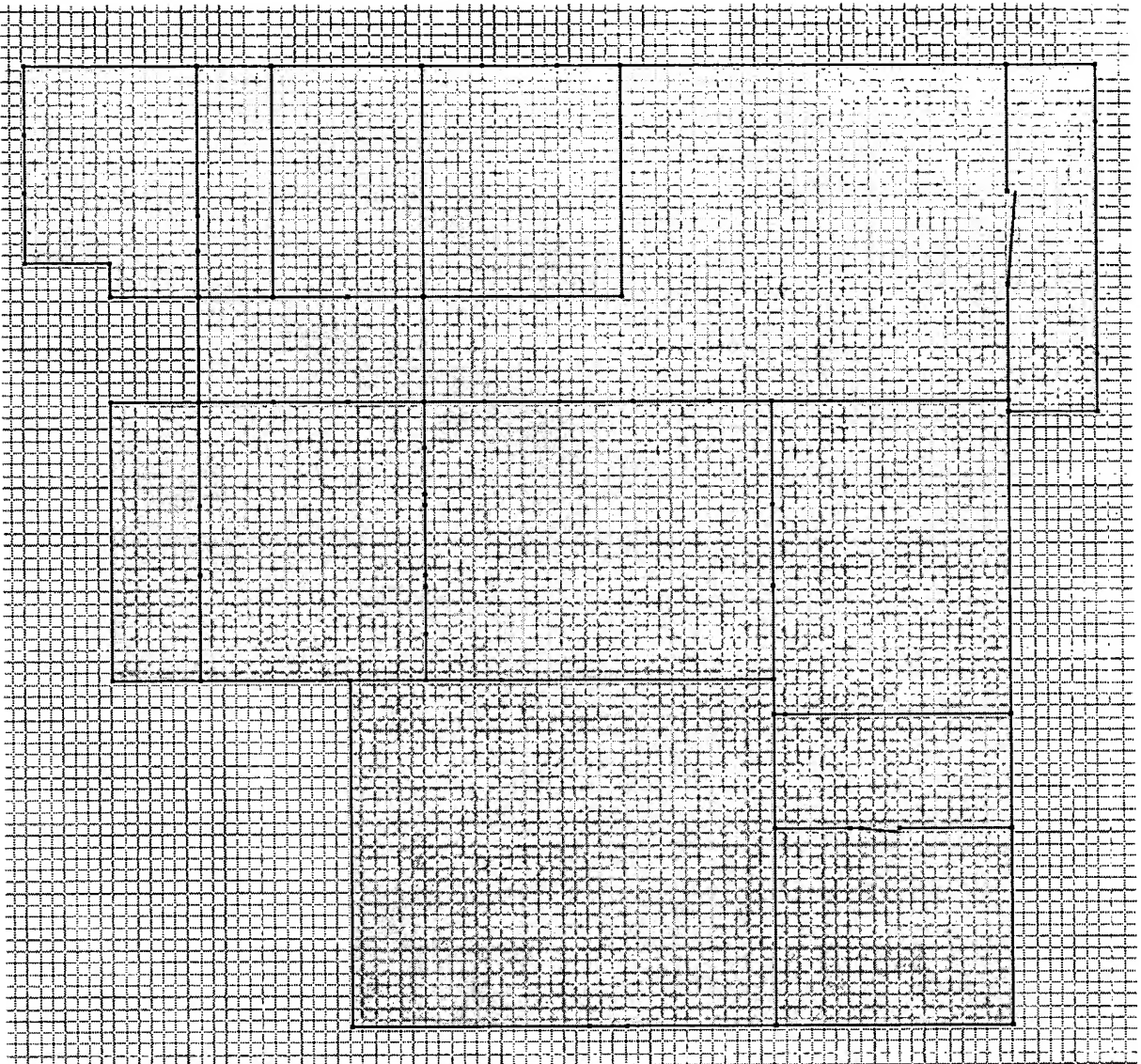


Figure 21

Entertainment Devices in FamilyRoom

FamilyRoom

Done

Component

Video In

Video Out

Audio In

Audio Out

Power

Control

Add Component

Click a Component Name to Edit/Delete that Component

Or Click the Add Component Button Above to Add a New Component in this Room

Figure 22

Add Component in FamilyRoom

X

Legacy

XML Files

Type

VCR

Manufacturer

JVC

Model

HR-A591U

File Names

HR-A591U.xml

Name

FamilyRoom VCR

Name to be Displayed

VCR

Maximum eight characters

☒ On When Needed

☐ Always On

☐ Power Not Controlled

Add

Cancel

Figure 23

Add Component in FamilyRoom

☐ Legacy ☒ XML Files

Type

Manufacturer

Model

File Names

Name

Name to be Displayed
Maximum eight characters

☒ On When Needed

☐ Always On

☐ Power Not Controlled

Figure 24

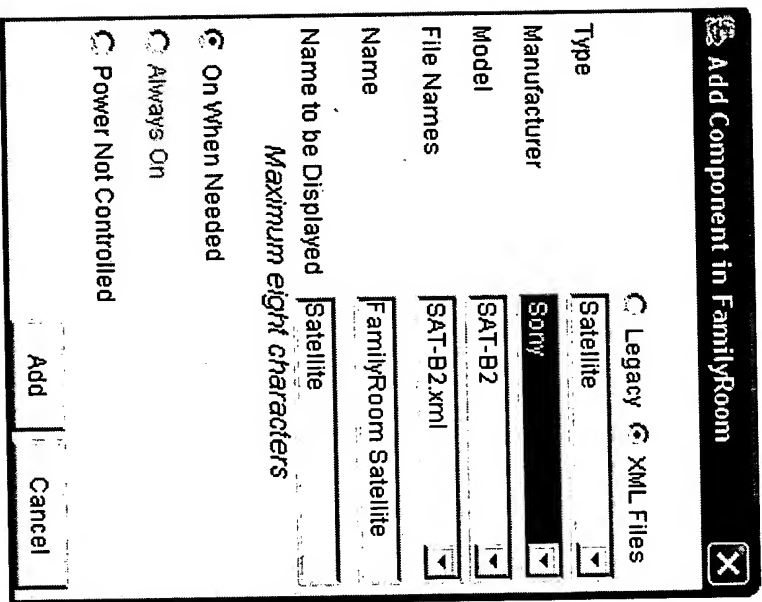


Figure 25

Add Component in FamilyRoom

Type

PVR

Manufacturer

ReplayTV

Model

RTV4000

File Names

RTV4000.xml

Name

FamilyRoom PVR

Name to be Displayed

PVR

Maximum eight characters

☐ Legacy

☒ XML Files

☒ On When Needed

☐ Always On

☐ Power Not Controlled

Add

Cancel

Figure 26

Add Component in FamilyRoom [X]

☐ Legacy ☒ XML Files

Type	AV Surround receiver	[v]
Manufacturer	Denon	[v]
Model	AVR-1802	[v]
File Names	AVR-1802.xml	[v]
Name	AV Surround receiver	
Name to be Displayed	AV Surround receiver	
<i>Maximum eight characters</i>		
<input checked="" type="radio"/> On When Needed		
<input type="radio"/> Always On		
<input type="radio"/> Power Not Controlled		
		[Add] [Cancel]

Figure 27

Legacy

XML Files

Type

TV

Manufacturer

JVC

Model

20820

File Names

20820.xml

Name

FamilyRoom TV

Name to be Displayed

TV

Maximum eight characters

On When Needed

Always On

Power Not Controlled

Add

Cancel

Add Component in FamilyRoom

Entertainment Devices in FamilyRoom

FamilyRoom

Done

Component

Video In

Video Out

Audio In

Audio Out

Power

Control

FamilyRoom VCR	0	0	0	0	0	0
FamilyRoom DVD	0	0	0	0	0	0
FamilyRoom Satellite	0	0	0	0	0	0
FamilyRoom PVR	0	0	0	0	0	0
FamilyRoom AV Surround r...	0	0	0	0	0	0
FamilyRoom TV	0	0	0	0	0	0

Add Component

Click a Component Name to Edit/Delete that Component

Or Click the Add Component Button Above to Add a New Component in this Room

Figure 29

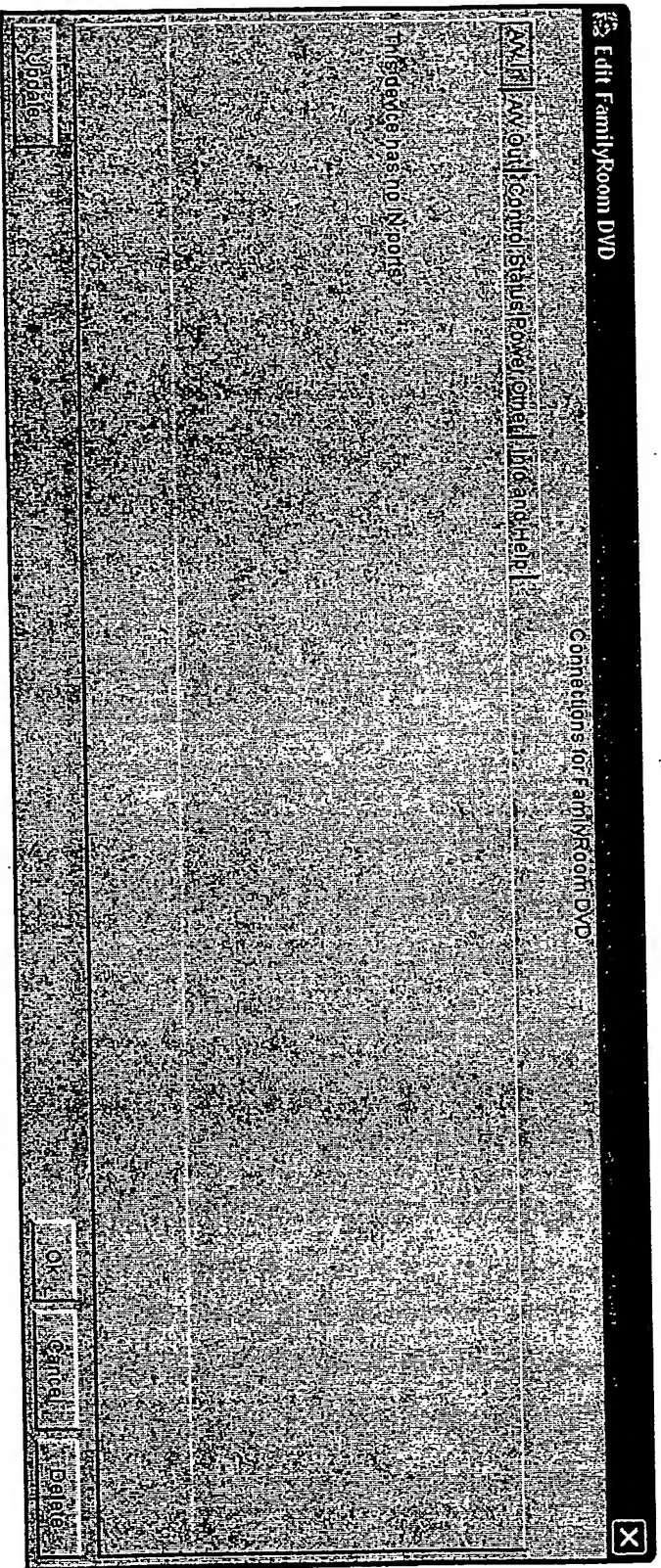


Figure 30

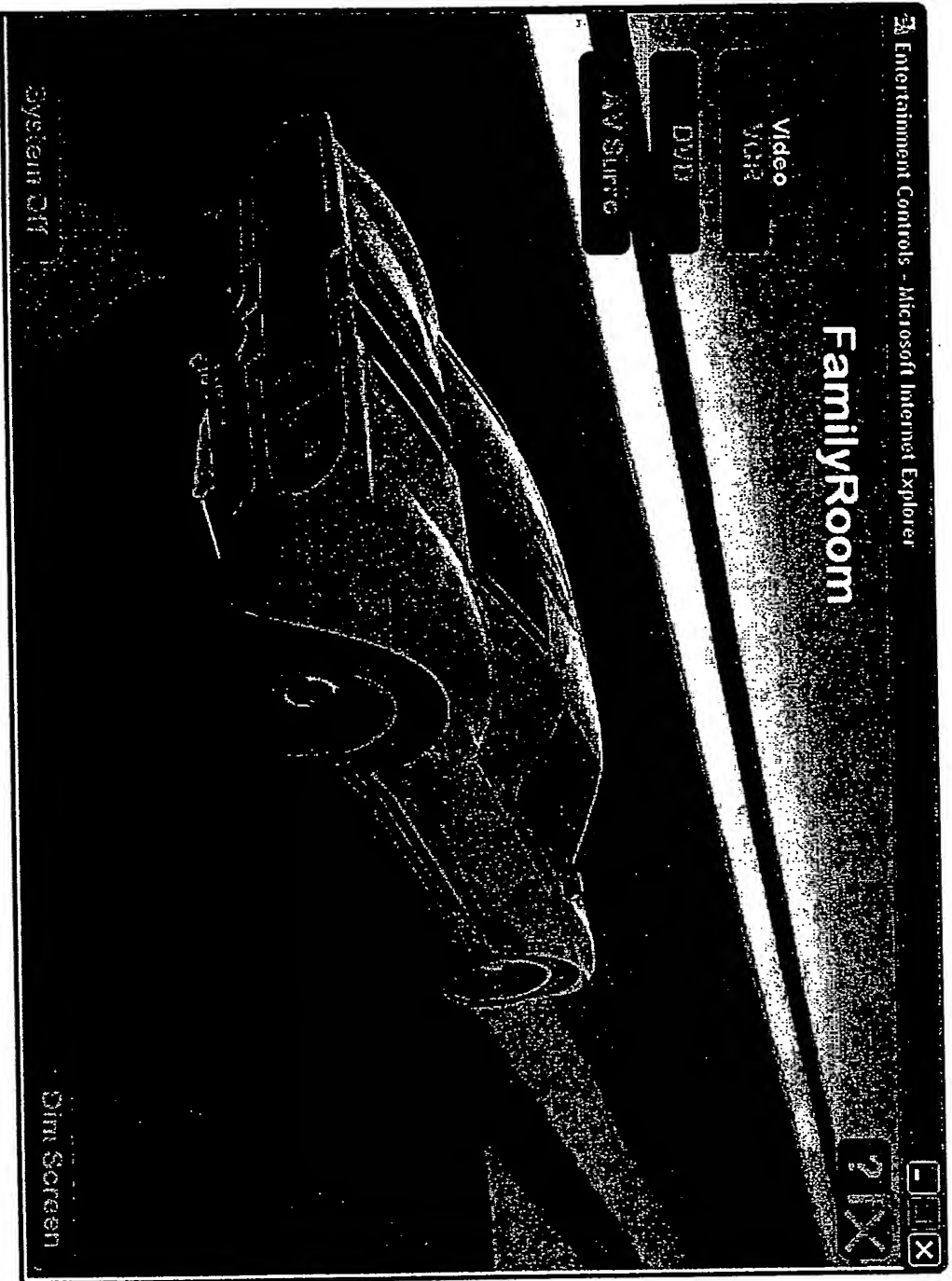


Figure 35

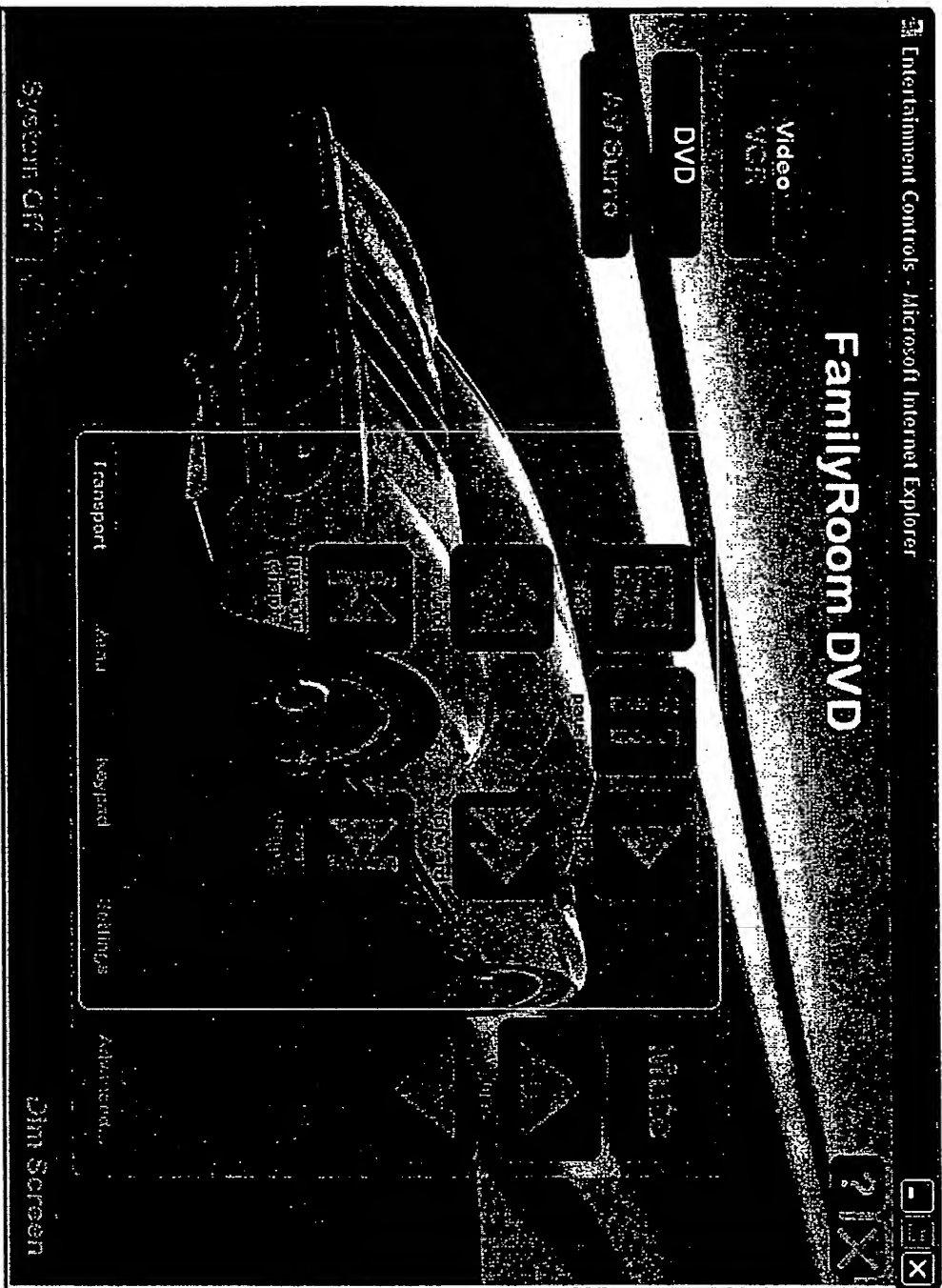
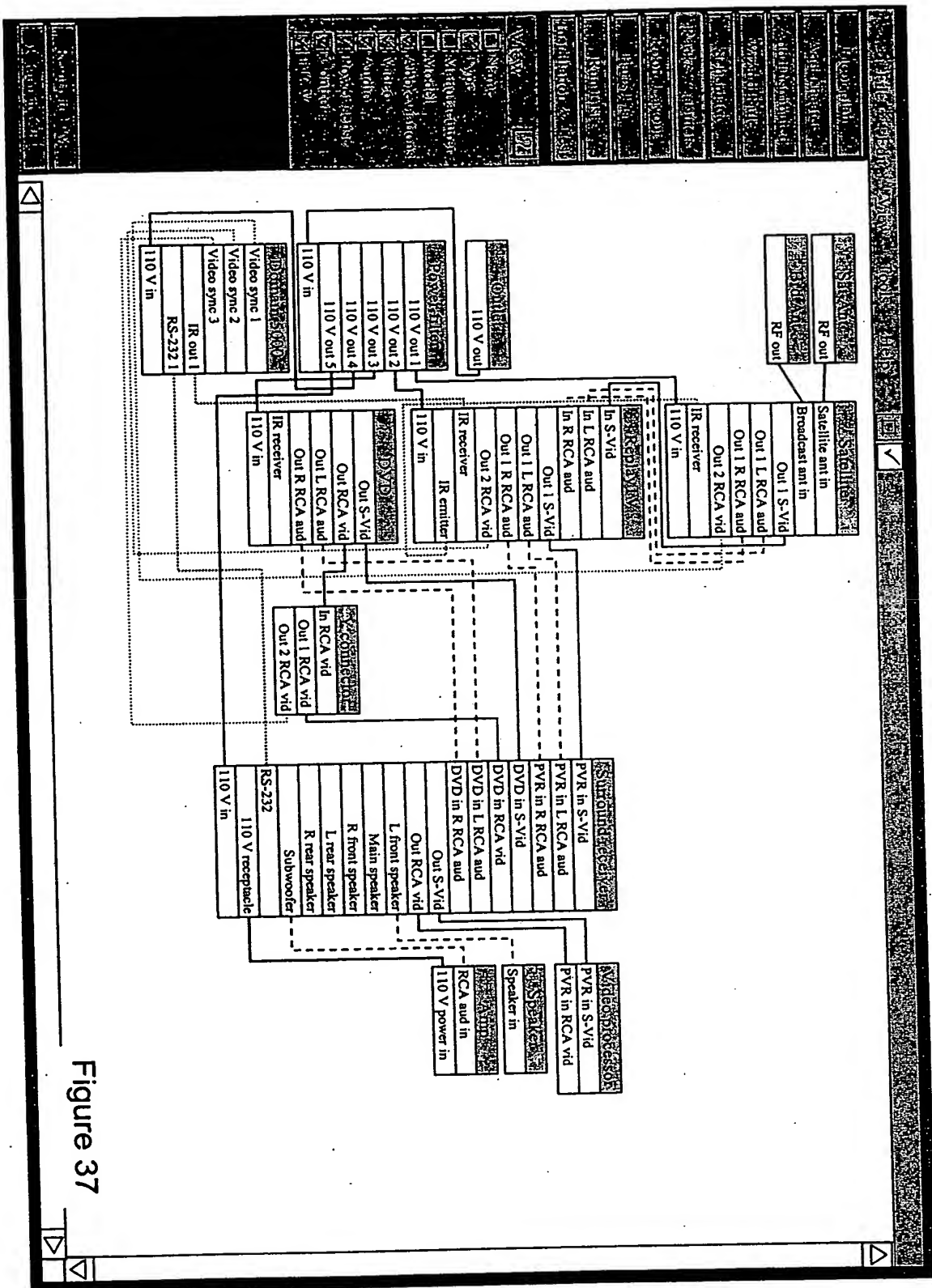


Figure 36



Buy/Owned	Qty	Part number	Manufacturer	Model #	Description
Buy	1	PAN-DVD-200	Panasonic	DVD-200	Panasonic DVD player
Owned	1	Sony-VCR-100	Sony	VCR-100	Sony VCR
Stock	130/160 ft	Cable-S-Video	any	any	130 ft to 160 ft S-Video cable
Buy	72	Conn-Frm-S-Video	any	any	Female S-Video connectors

Figure 38

			From the output of this component		To the input of this component		
Done	Action	Wire Type	Name	Port	Name	Port	Wire length
<input checked="" type="checkbox"/>	Add	RG-6	Roof satellite antenna	Antenna out	Living room satellite receiver	Satellite antenna in	? ?
<input checked="" type="checkbox"/>	Add	RG-6	Roof broadcast antenna	Antenna out	Living room satellite receiver	Broadcast antenna in	?
<input checked="" type="checkbox"/>	Add	S-Vid	Living room satellite receiver	Out 1 S-Vid	Living room ReplayTV	In S-Vid	10" to 20"
<input checked="" type="checkbox"/>	Add	RCA and RCA vid	Living room satellite receiver	Out 1 L RCA and Out 1 R RCA and	Living room ReplayTV	In L RCA and In L RCA and	10" to 24" 10" to 31"
<input checked="" type="checkbox"/>	Add	RCA vid	Living room satellite receiver	Out 2 RCA vid	Living room ReplayTV	Video sync in	121" to 132"
<input type="checkbox"/>	Add	S-Vid	Living room ReplayTV	Out 1 S-Vid	Living room surround receiver	PVR in S-Vid	17" to 23"
<input type="checkbox"/>	Remove	S-Vid	Living room Replay TV	Out 2 S-Vid	Living room TV	S-Vid in 2	16" to 20"

Wire length calculations:

if the ports are in the same rack

```
then {
    if the component with the output is above the one with the input
```

```
then {
    shortest = <bottom height of the component with the output> minus <the top height of the component with the input> plus 6 inches
    longest = sqr ((<top height of the component with the output> minus <the bottom height of the component with the input>)² + 19²)
    plus 6 inches
}
```

```
else ...
}
else {
    shortest = <bottom height of the component with the output> + <cabinet pull out wire extension> + <distance between cabinets> + <cabinet pull out wire extension> + <bottom height of the component with the input> + 6
    longest = 19 + <top height of the component with the output> + <cabinet pull out wire extension> + <distance between cabinets> + <cabinet pull out wire extension> + <top height of the component with the input> + 19 + 6
}
```

Figure 39

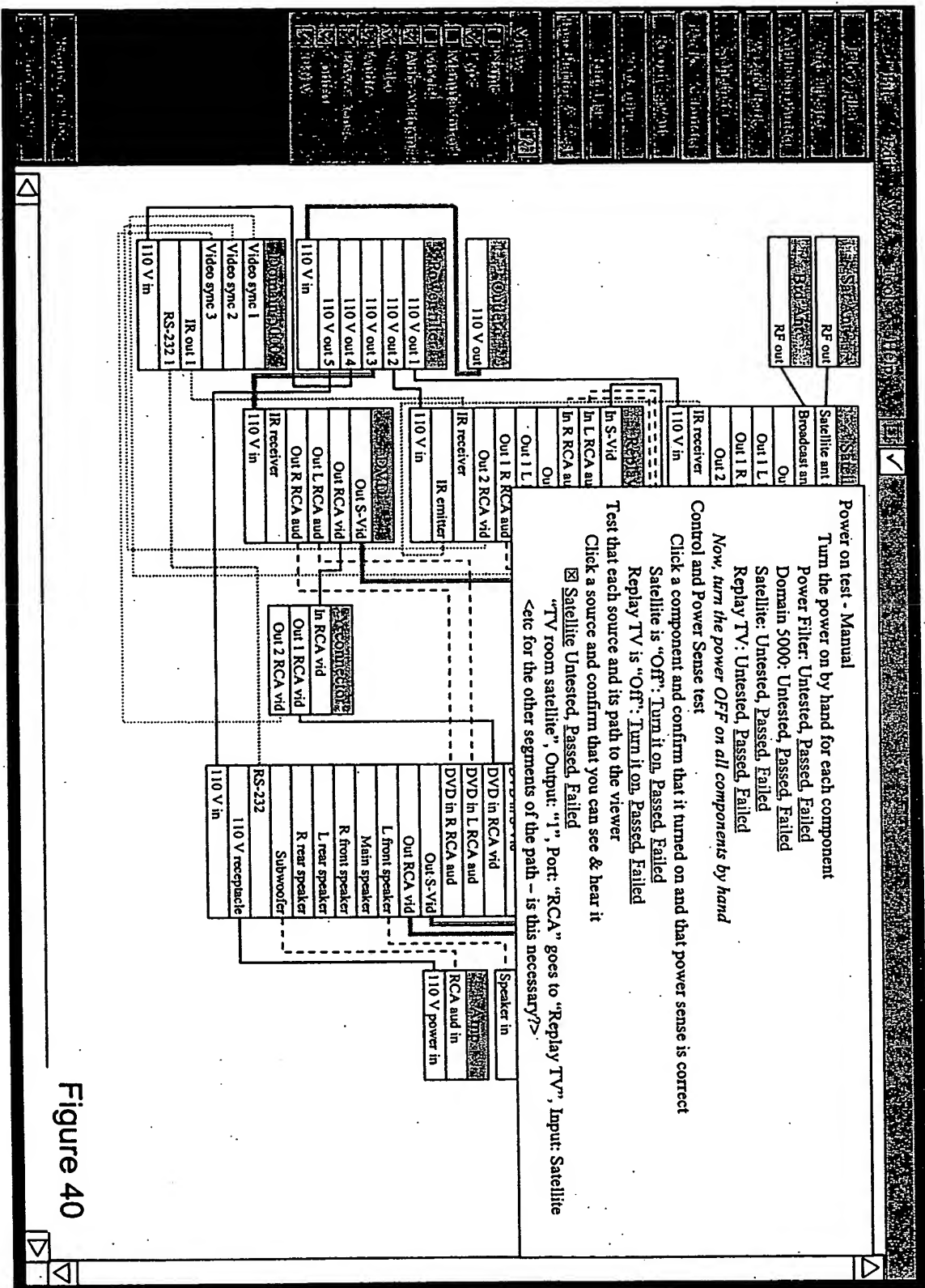


Figure 40

[illegible]

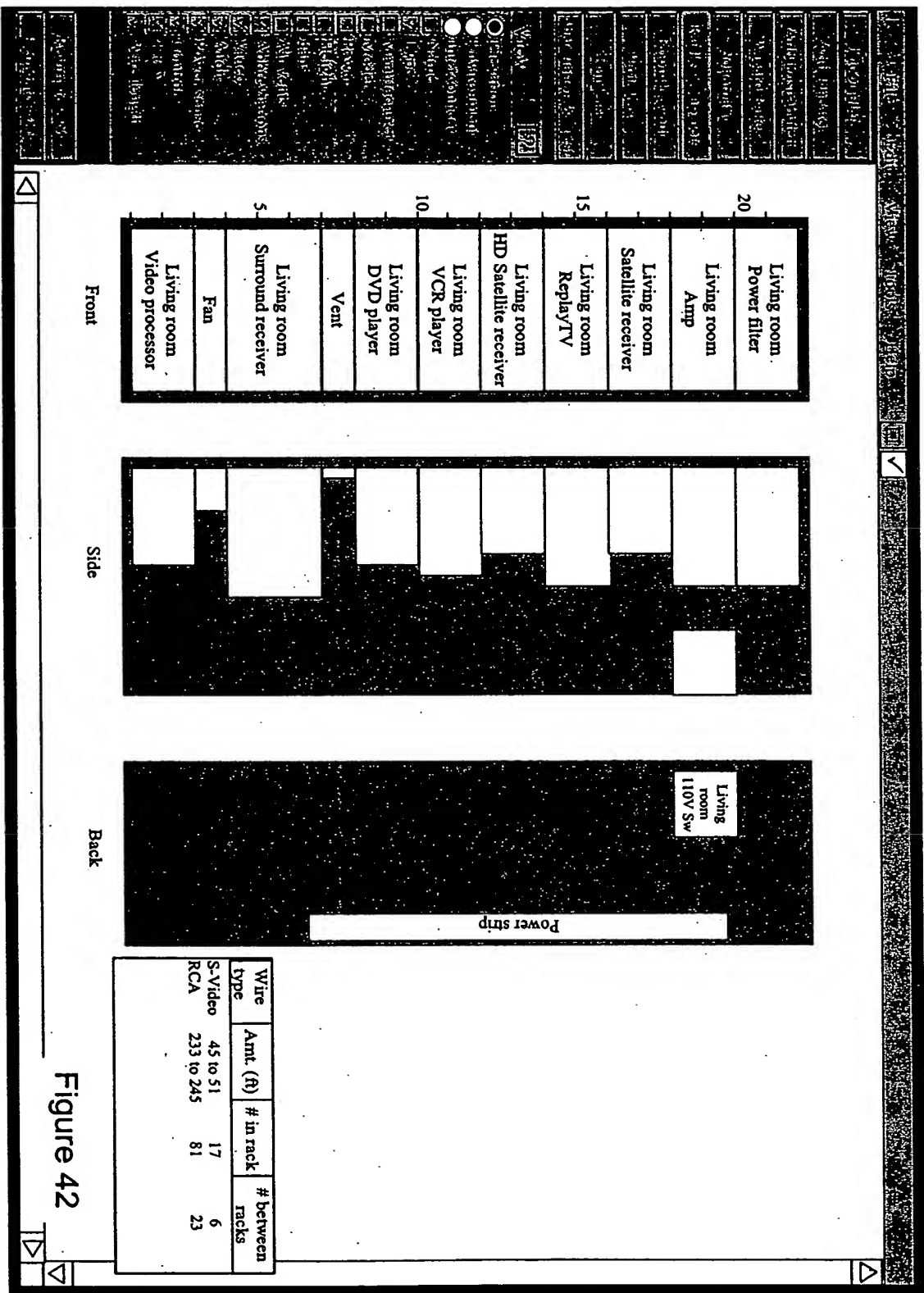
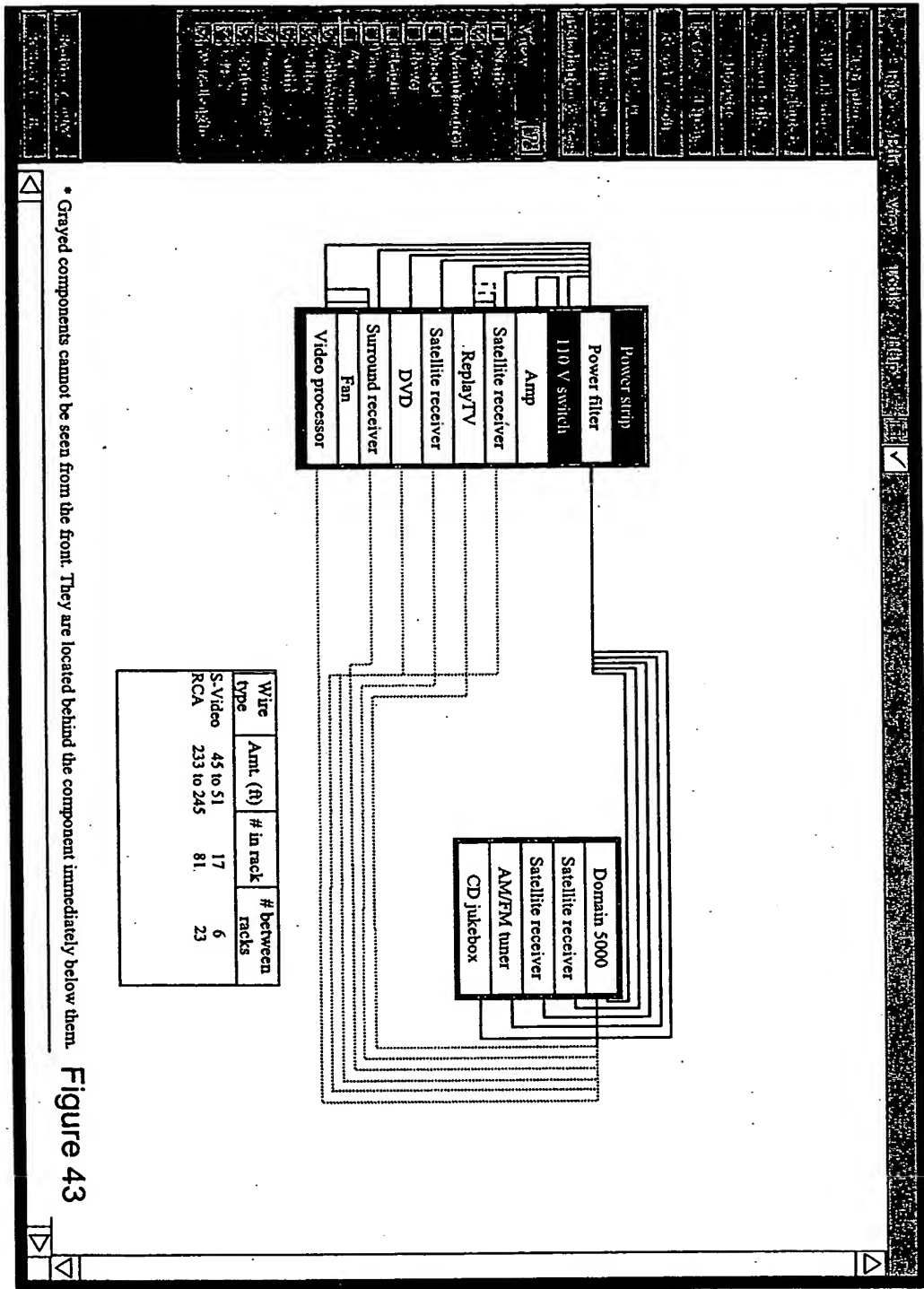


Figure 42



* Grayed components cannot be seen from the front. They are located behind the component immediately below them.

Figure 43

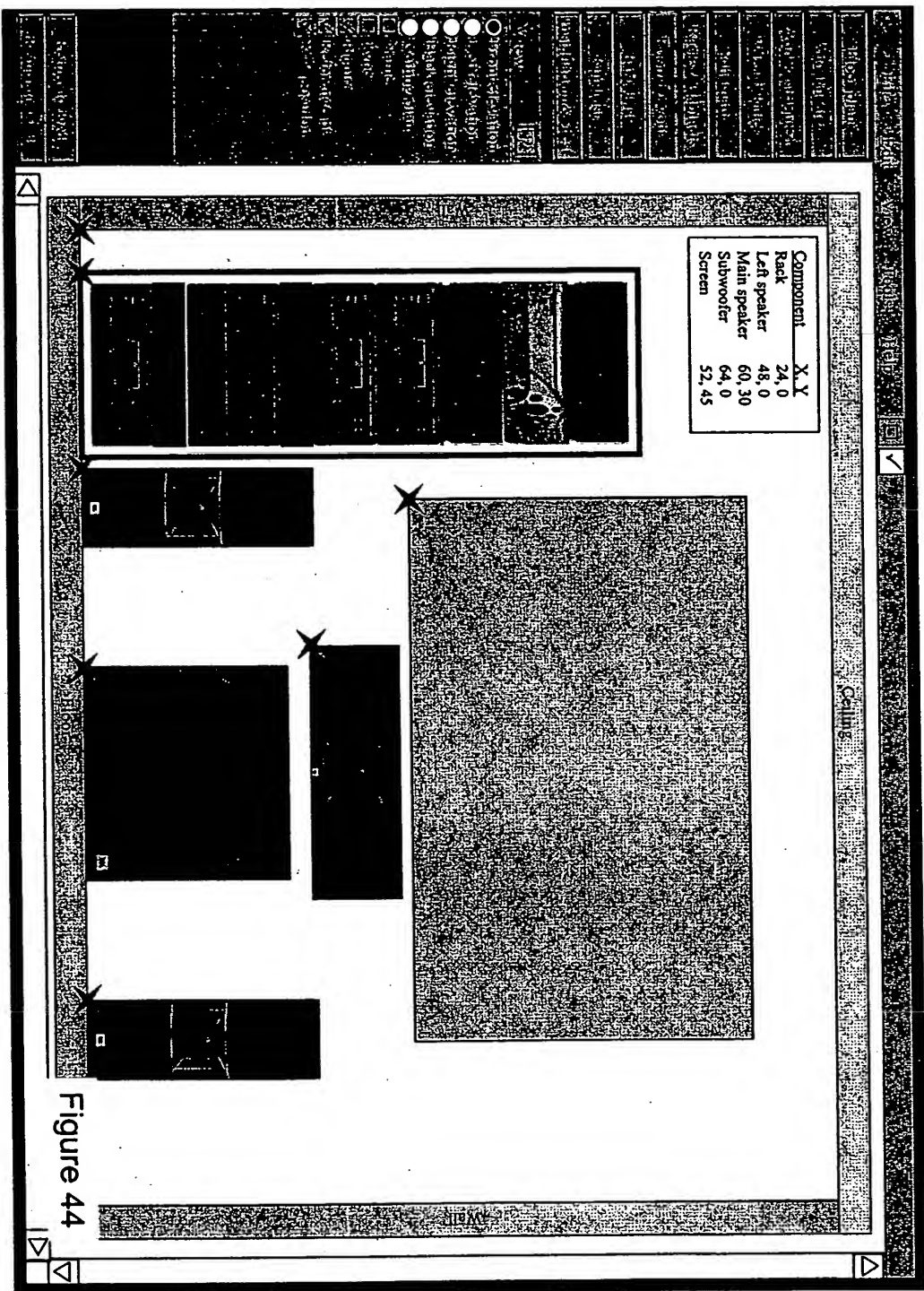


Figure 44

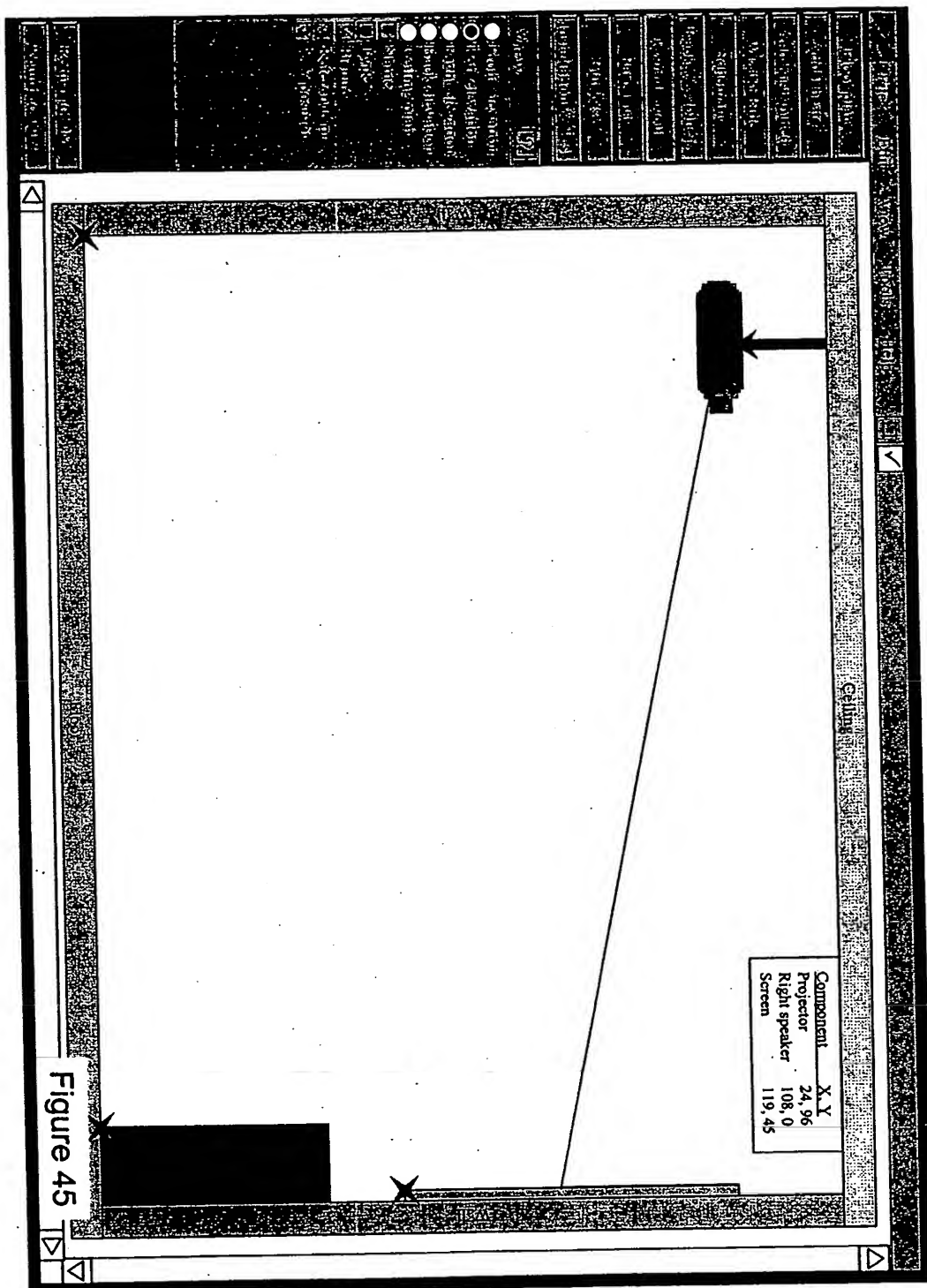


Figure 45

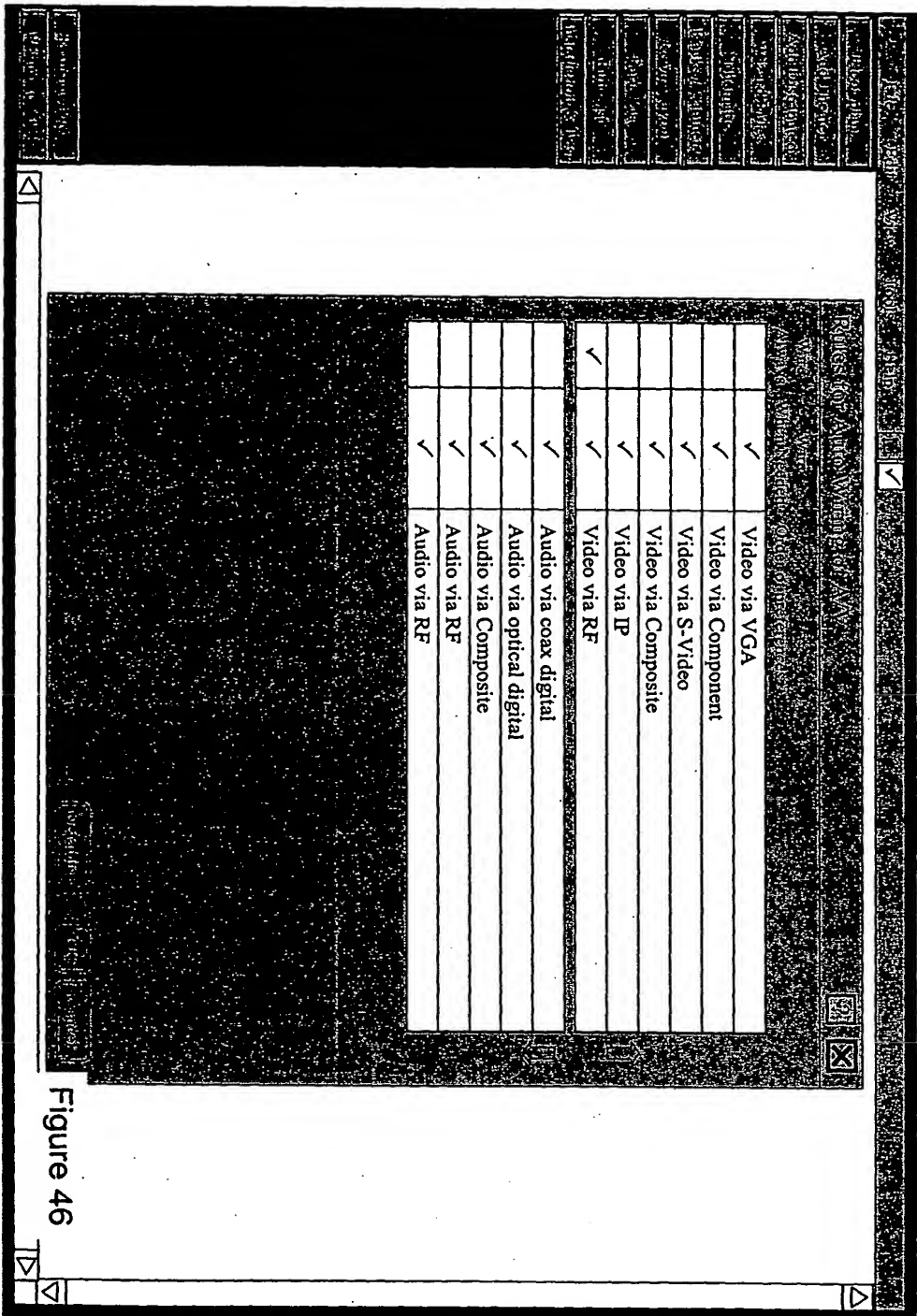


Figure 46

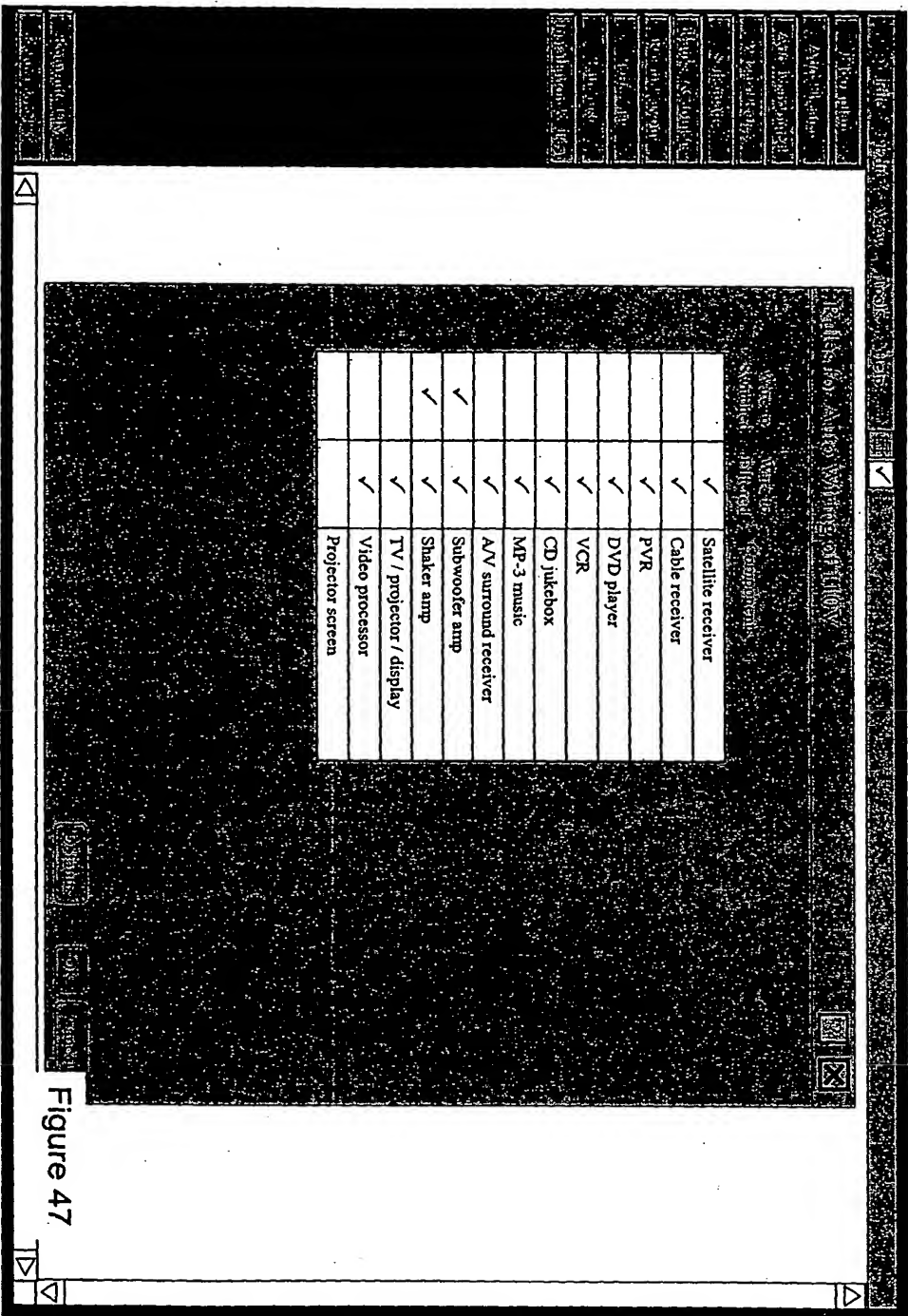


Figure 47

